

Work Order ID 139188

November 16, 2015 12:38:54 PM

139188

DAS
9
PRELIMINARY ISSUE

Page 1

Item ID: D4407-043

Accept

Revision ID: PRELIM

N900040100

Setup Start

NS1

Item Name: Bar Weldment

Stop

NS2

Start Date: 11/16/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/30/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: SH

Date: 20151116

Pooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4407

pd1 Rev D 10-10-21

DAS
9
9-89

0.00

100

100

Cold Saw

Memo

0.00

Hyd Mech

Cut blanks at 58.75"

(EXTRA MATL WILL BE TRIM OFF AT D4406-043 ASSY)

7 EL 15-12-14

110

Weld per dwg & QSI004 4.5

0.00

110

autoweld 1

Memo

0.00

Automated Welding 1

SEE NOTE 8 FOR SURFACE BUILDUP

1- WELD AS PER DWG AND QSI004 4.5

FOR AUTOMATED WELDING USE 8259 HARDCOAT
BATCH: M133209

7 EL 15-12-14

EN 6705 MM.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : _____									

November 16, 2015 12:38:54 PM

139188

Page 2

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Bar Weldment

Start Date: 11/16/2015 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 11/30/2015 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code
---------	--------	-----------

Accept Qty	Reject Qty	Reject Number	Insp. Stamp

120

QC9- Inspect visual per QSI004- Fusion Welds

0.00

120

QC

Memo

0.00

Quality Control

DAS
9
9-89

130

QC5- Inspect part completeness to step on W/O

0.00

130

QC

Memo

0.00

Quality Control

DAS
9
9-89

140

Identify as per dwg & Stock Location: *Added on W/P* 0.00

0.00

140

Packaging

Memo

0.00

Packaging

LOCATION: WA002

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 139188

November 16, 2015 12:38:54 PM

139188

Page 3

Item ID: D4407-043 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: PRELIM
Item Name: Bar Weldment Stop ***NS2***
Start Date: 11/16/2015 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/30/2015 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

DAS
21
9-89 OCT 28 2016

Handwritten signature: D. 2.25

POSITIVE RECALL

EFFECTIVE DAS AUTH
RELEASED 9 DATE 16-10-21
9-89 *at rev*

SH 120151116

Picklist Print

November 16, 2015 12:38:31 PM

Page 1

Work Order ID: 139188

Parent Item: D4407-043

Parent Item Name: Bar Weldment

139188

D4407-043

Start Date: 11/16/2015

Required Date: 11/30/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 15.11.16 NEW ISSUE DD VERF:JLM

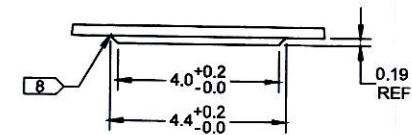
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304B0.250x0.500		Purchased	No				f	811.1863		4.842105			
M304B0 250x0 500										**			
304 BAR .250 x .500													

Location	Loc Qty	Loc Code
MAT	45.487	
133276	33.203	
m133175	12.284	
MAT009	765.6993	
m129366	18.967	
m131748	20.949	
m132332	71.6583	
m133121	12	
m133417	222.125	
m133526	240	
m133598	180	

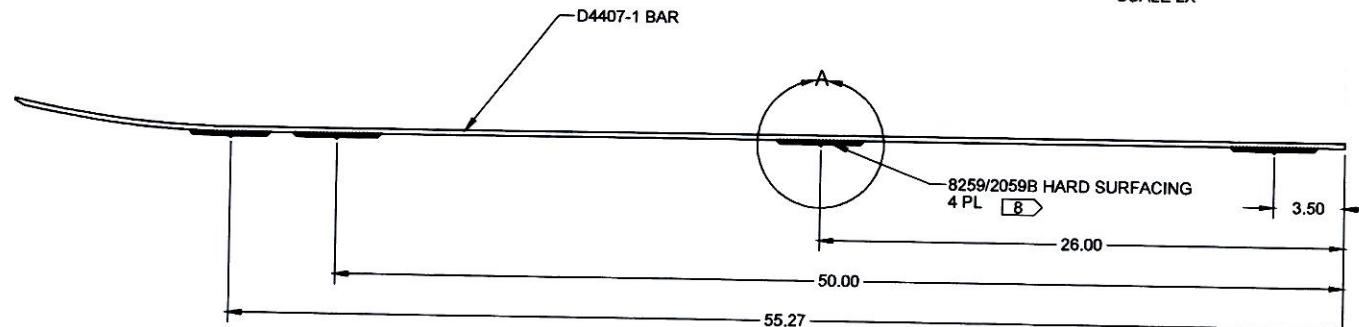
EL 15-11-16

12
244
181

ITEM	QTY	P/N	DESCRIPTION
	X	D4407-041	BAR WELDMENT
1	1	D4407-1	BAR
2	A/R	8259/2059B	HARD SURFACING



DETAIL A Δ
4 PL
SCALE 2X



D4407-041 BAR WELDMENT Δ

NOTES:

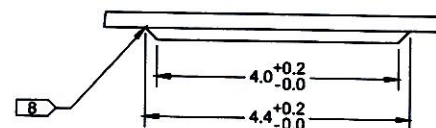
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.83 lbs
- 8) BUILDUP HARD SURFACING 0.18 - 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR BUILDUP HARD SURFACING 0.19 - 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

PRELIMINARY ISSUE

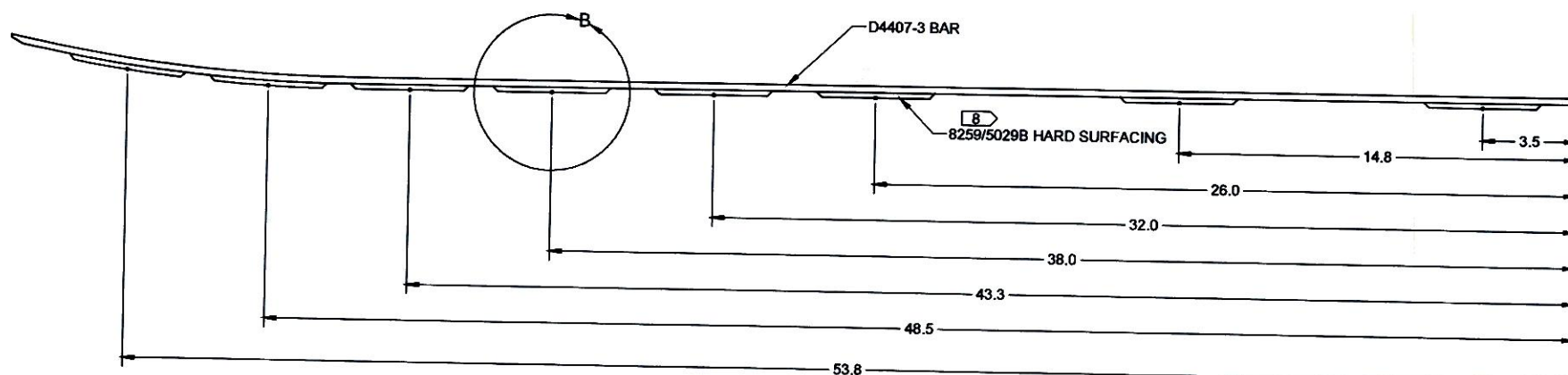
S1A 20151113 139188			
D	ADD D4407-041-043 WELDMENTS, ADD NOTE 9 (SH1.2 AUTOMATED WELDING)	DB	15.10.13
C	REDESIGNED WITH SHORTER CUTS. NOTE 8 ADDED. B4-2, B4-3 0.18 WAS 0.13 (REF NCR12-2031)	AJS	13.03.11
B	REMOVE TOOLING HOLES FOR -1/-3; RE-DESIGN D4407-3	RF	12.01.30
A	NEW ISSUE	RF	11.08.15
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AJS	DRAWING NO.	REV. D1
MFG. APPR.	DD	D4407	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BAR	NTS
DATE	15.10.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

PRELIMINARY ISSUE

ITEM	QTY -043	P/N	DESCRIPTION
	X	D4407-043	BAR WELDMENT
1	1	D4407-043	BAR
2	A/R	8259/5029B	HARD SURFACING



DETAIL B 
8 PL
SCALE 2X



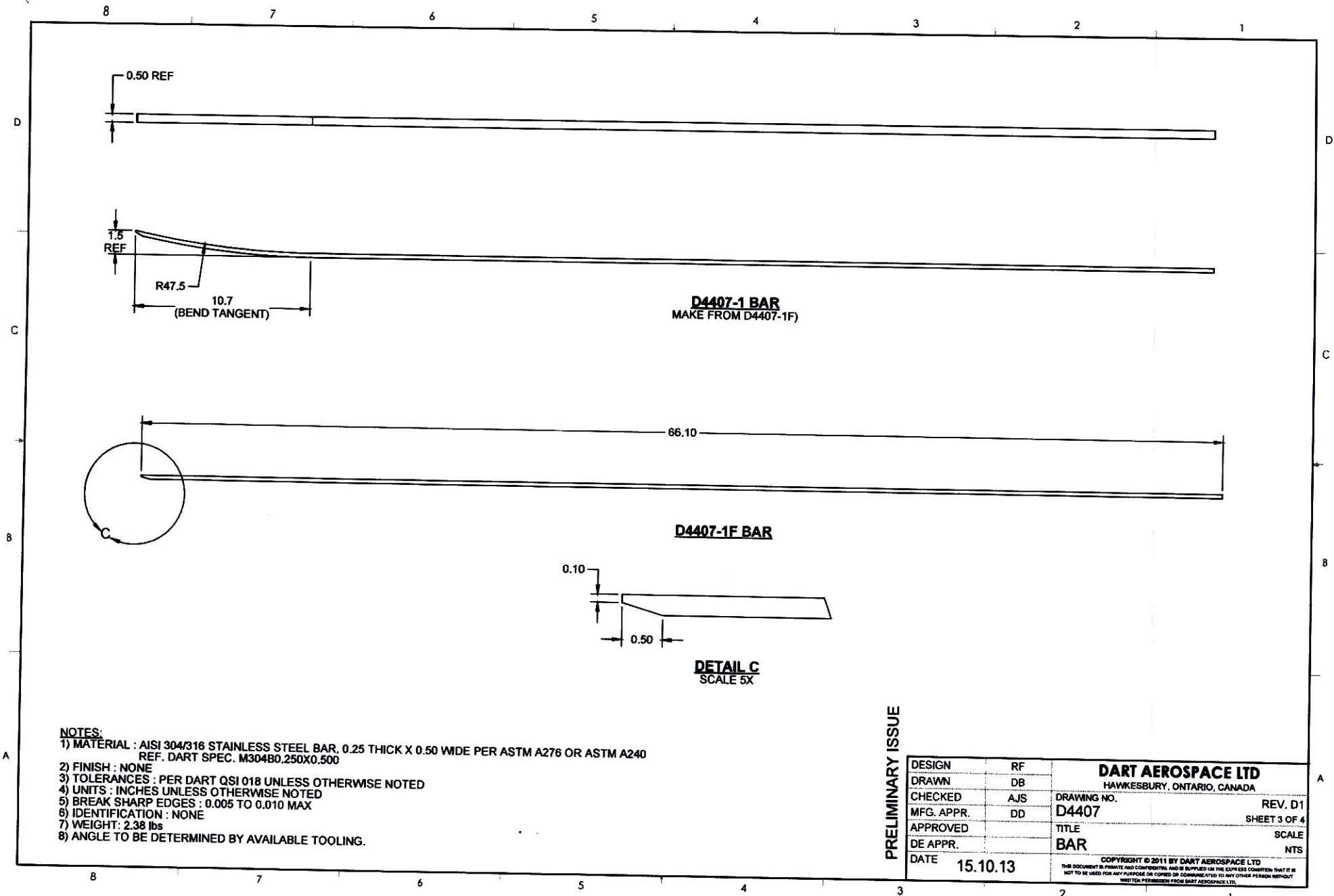
 **D4407-043 BAR WELDMENT**

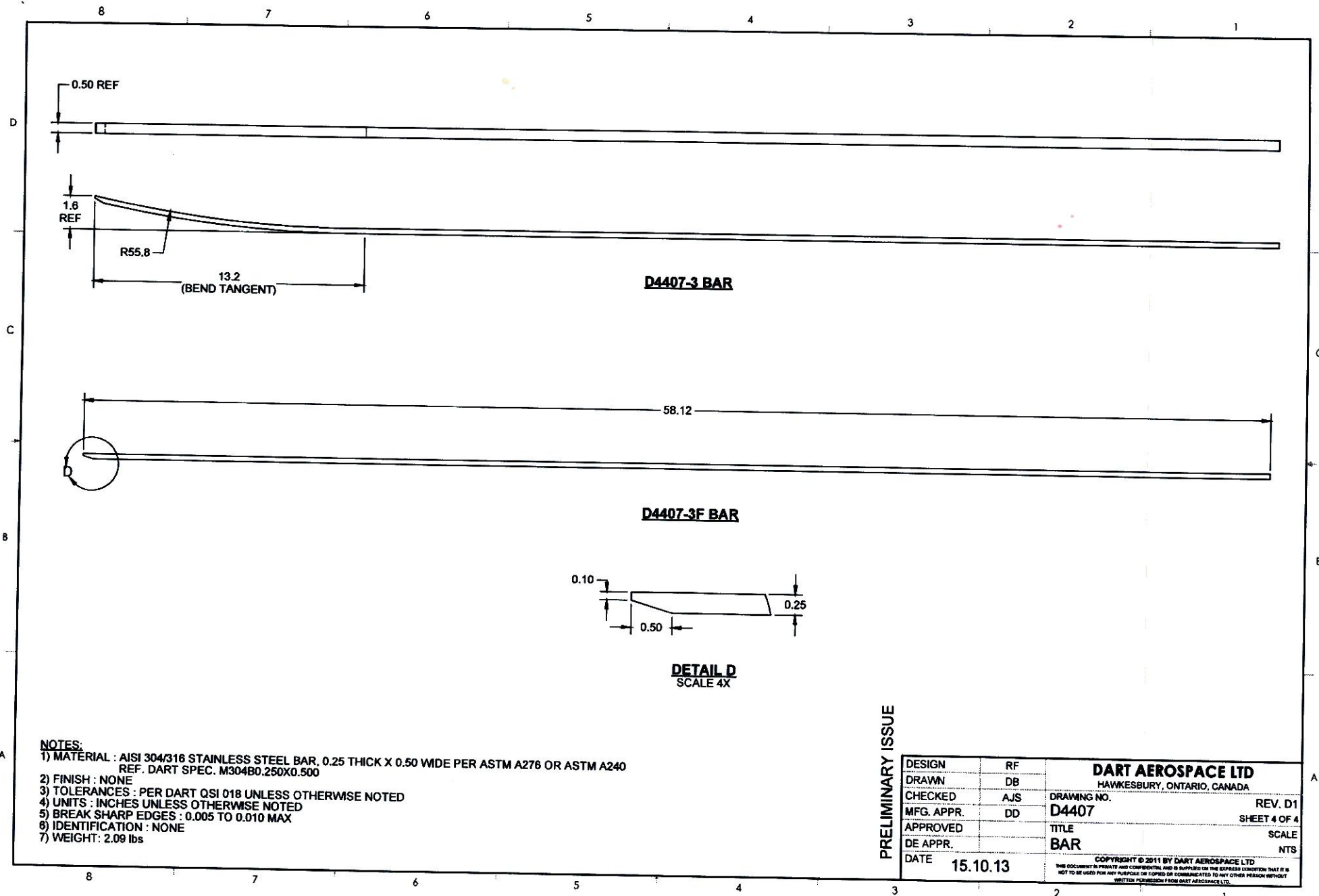
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 4.28 lbs
- 8) BUILDUP HARD SURFACING 0.18 - 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR BUILDUP HARD SURFACING 0.19 - 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. D
MFG. APPR.	DD	D4407	SHEET 2 OF
APPROVED		TITLE	SCALE
DE APPR.		BAR	NTS
DATE	15.10.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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NOTES:

- 1) MATERIAL : AISI 304/316 STAINLESS STEEL BAR, 0.25 THICK X 0.50 WIDE PER ASTM A276 OR ASTM A240
REF. DART SPEC. M304B0.250X0.500
- 2) FINISH : NONE
- 3) TOLERANCES : PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS : INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES : 0.005 TO 0.010 MAX
- 6) IDENTIFICATION : NONE
- 7) WEIGHT: 2.09 lbs

PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AJS	DRAWING NO.	REV. D
MFG. APPR.	DD	D4407	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BAR	NT
DATE	15.10.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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Tuesday, November 03, 2015 2:14:07 PM

All amounts are calculated in domestic currency.

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MET002	Metaux Solutions								
PO30266	1		M304B0 250x0.500 f		11/2/2015	11/3/2015	240.0000	\$2.98	0.0000	0	\$715.85
CAD	No		304 BAR 250 x .500 f m133526		240.0000	DCUSER		\$715.85	0.0000	0	
	3		71401-45		11/2/2015	11/3/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m133526		1.0000	DCUSER		\$0.00	0.0000	0	

Mill's Certificate of Inspection

Supplier:

Customer:

Commodity: STAINLESS STEEL HOT ROLLED PLAT BAR AND PLAT

Specification: ASTM

Date: 06 APR. 2015

Certificate No.: AD-150408-81

Surface Finish: AP/44

Grade: 304

ORIGINAL

AD STEEL CO., LTD.
164, SANGSIN 2-GIL, INCHUN-EUP,
INCHUN-GUN, CHUNGCHUK, KOREA
Tel. 82-31-550-7834, Fax 82-31-550-6888

DAS
18
9-03

15/11/04

Order

No.	Order No.	Heat No.	Product No.	Surface Finish	Thickness (mm/inch)	Width (mm/inch)	Length (mm/inch)	Quantity (pcs)	Weight (kg)	Remark
1	150401165	SC52229	B153OSP100331-1	1D	6.35(0.250)	12.7(0.5)	3657(12)	385	900	
2	150401165	SC52229	B153OSP100334-1-A	1D	6.35(0.250)	1016(4.0)	3657(12)	54	1,010	
3	150401165	SC52229	B154FGRT100008-A	#4	6.35(0.250)	12.7(0.5)	3657(12)	350	819	
4	150401165	SC52229	B154FGRT100002-3-A	#4	6.35(0.250)	25.4(1.0)	3657(12)	210	962	
5	150401165	SC52229	B154FGRT100005-3-A	#4	6.35(0.250)	50.8(2.0)	3657(12)	190	1,777	

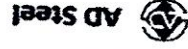
Chemical Composition (%)

Heat No.	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	N
SC52229	0.021	0.366	1.429	0.029	0.003	18.125	0.050			0.048

Mechanical Properties

Product No.	Tensile Strength (N/mm ²)	0.2% Yield Strength (N/mm ²)	Elongation (%)	Hardness (HB)
B153OSP100331-1	587	235	57	170
B153OSP100334-1-A	582	265	52	182
B154FGRT100008-A	582	265	52	182
B154FGRT100002-3-A	580	272	51	197
B154FGRT100005-3-A	583	277	50	201

We hereby certify, that the material described above has been tested and complies with the terms of the order contract.



W. J. KIM
Quality Assurance Manager

176022, 176023, 176024, 176025, 176026



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30266**

Purchase Order Date 10/26/2015 12:45:42 PM

PO Print Date 10/26/2015

Page Number 1 of 2

Order From :

VC-MET002

Ship To : DART AEROSPACE LTD

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: TST ground

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	---	------------------------	--------------------------------------	----	--------------------------------	---------------	-------------------

1	M304B0.250x0.500	304 BAR .250 x .500	10/29/2015 Yes 10/29/2015		240.00 ✓ f	\$3.90	\$936.00
---	------------------	---------------------	---------------------------------	--	---------------	--------	----------

MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$936.00

3	71401-45	PROCUREMENT QUALITY CLAUSES	10/29/2015 No 10/29/2015		1.00 ✓	\$0.00	\$0.00
---	----------	--------------------------------	--------------------------------	--	--------	--------	--------

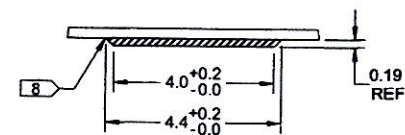
Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

2015-11-03

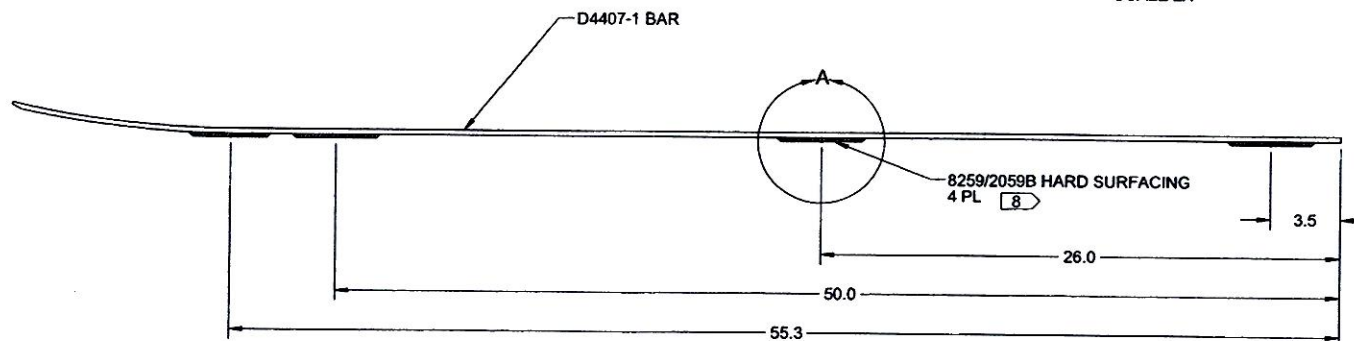
Note:

10/26/2015

ITEM	QTY	P/N	DESCRIPTION
	X	D4407-041	BAR WELDMENT
1	1	D4407-1	BAR
2	A/R	8259/2059B	HARD SURFACING



DETAIL A
4 PL
SCALE 2X



D4407-041 BAR WELDMENT

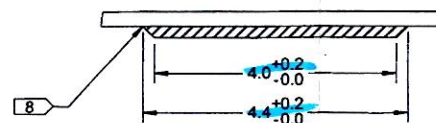
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.88 lbs
- 8) BUILDUP HARD SURFACING 0.18 - 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR BUILDUP HARD SURFACING 0.19 - 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

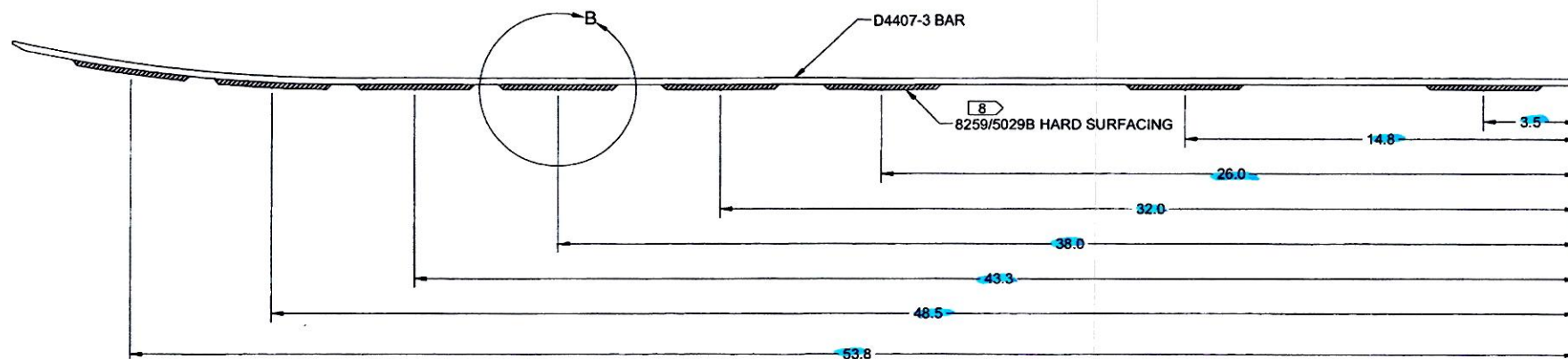
RELEASED
2016-02-08
ECN 16-518

D	ADD D4407-041-043 WELDMENTS, RE-DESIGN D4407-1-3, ADD NOTE 8 (SH 1.2 AUTOMATED WELDING), DELETE NOTE 8 (SH 3&4)	DB	15.10.13
C	REDESIGNED WITH SHORTER CUTS. NOTE 8 ADDED. B4-2, B4-3, 0.18 WAS 0.13 (REF MCR12-2031)	AJS	13.03.11
B	REMOVE TOOLING HOLES FOR -1-3; RE-DESIGN D4407-3	RF	12.01.30
A	NEW ISSUE	RF	11.08.15
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	ML	DRAWING NO.	REV. D
MFG. APPR.	DD	D4407	SHEET 1 OF 4
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	BAR	NTS
DATE	15.10.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR ANY REASON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -043	P/N	DESCRIPTION
	X	D4407-043	BAR WELDMENT
1	1	D4407-3	BAR
2	A/R	8259/2059B	HARD SURFACING



DETAIL B
8 PL
SCALE 2X



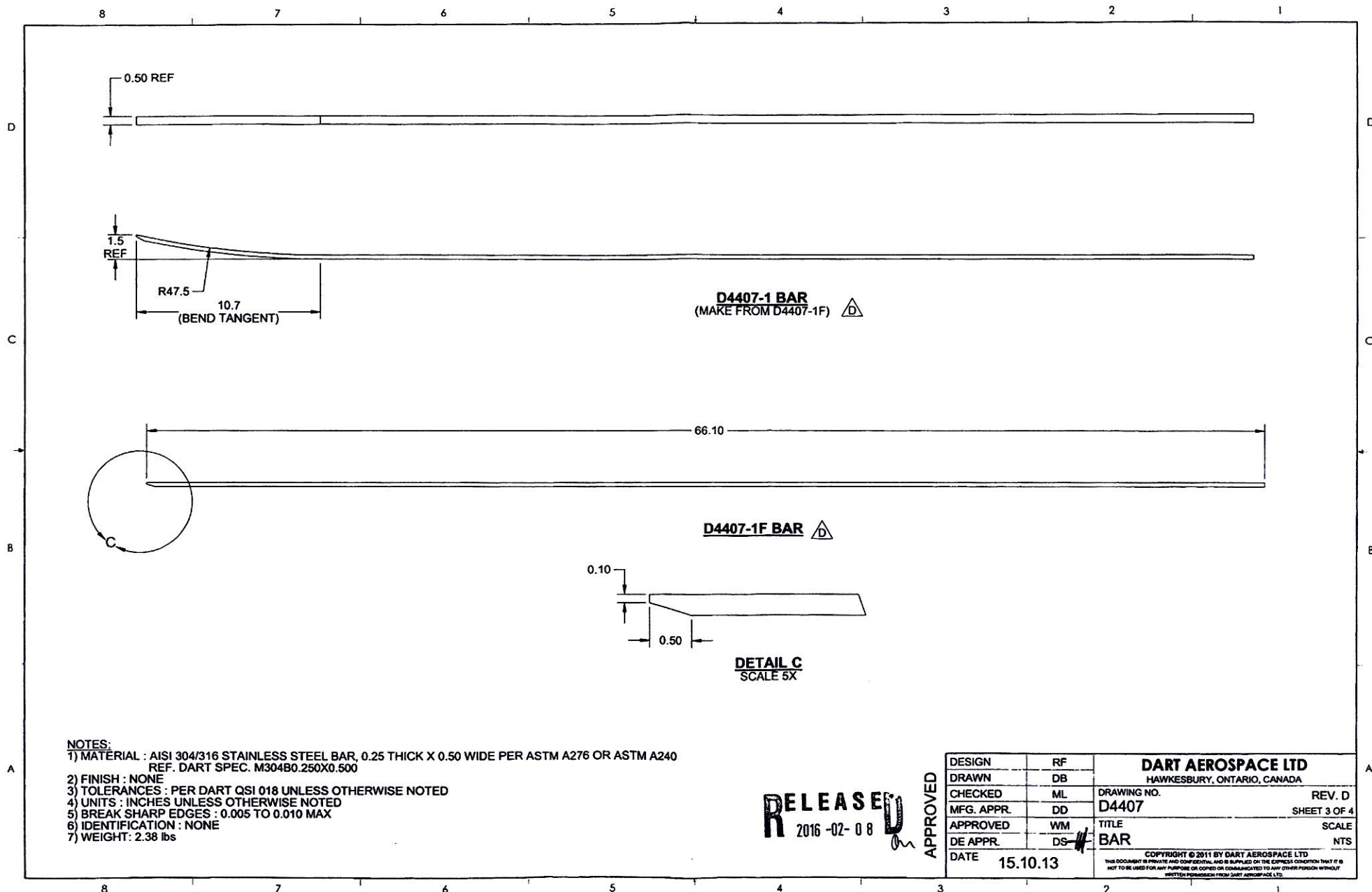
D4407-043 BAR WELDMENT

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 3.12 lbs
- 8) BUILDUP HARD SURFACING 0.18 - 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR BUILDUP HARD SURFACING 0.19 - 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

RELEASED
2016-02-08
APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	DRAWING NO.	REV. D
MFG. APPR.	DD	D4407	SHEET 2 OF 4
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	BAR	NTS
DATE	15.10.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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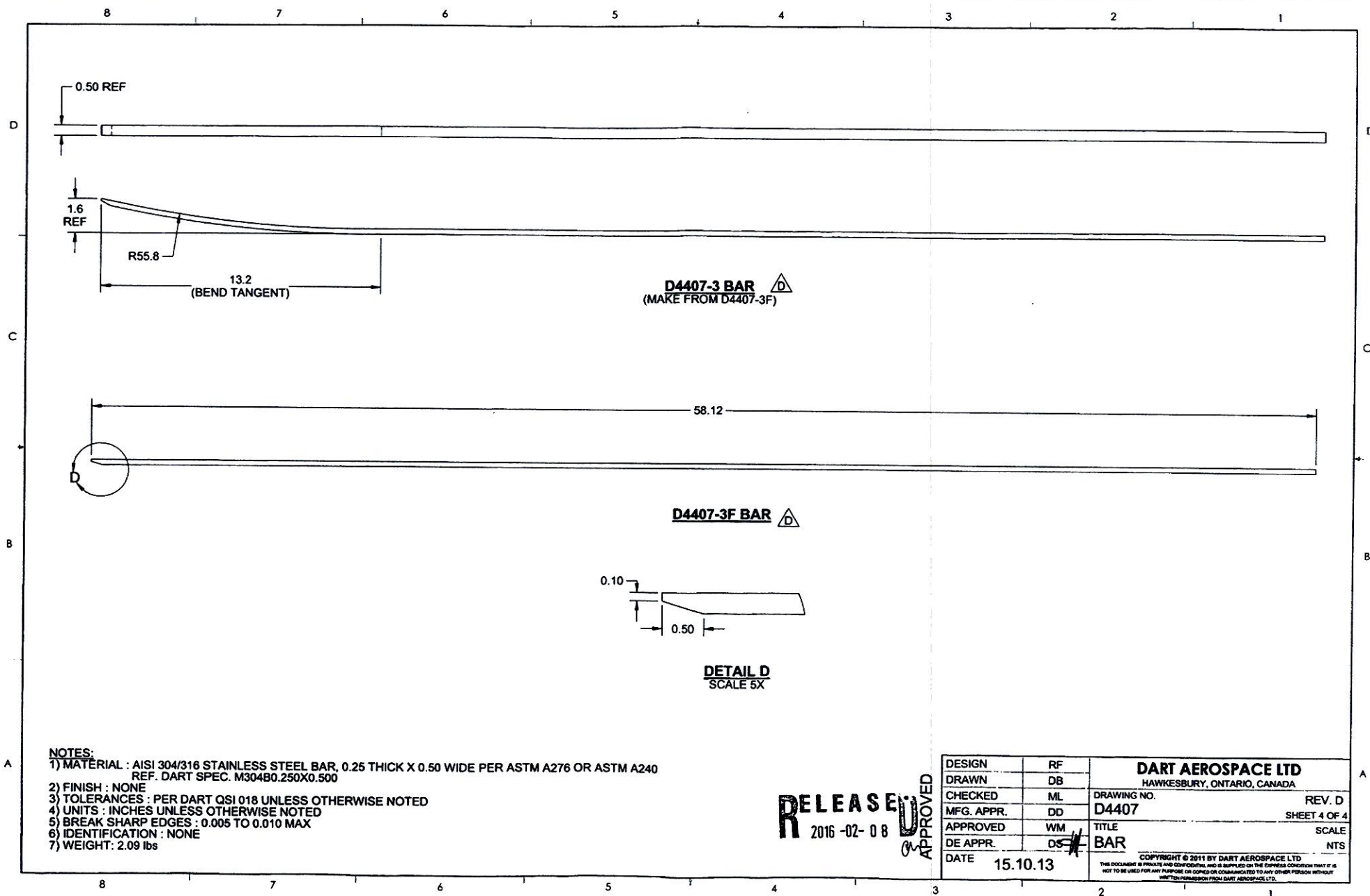
NOTES:

- 1) MATERIAL : AISI 304/316 STAINLESS STEEL BAR, 0.25 THICK X 0.50 WIDE PER ASTM A276 OR ASTM A240
REF. DART SPEC. M304B0.250X0.500
- 2) FINISH : NONE
- 3) TOLERANCES : PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS : INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES : 0.005 TO 0.010 MAX
- 6) IDENTIFICATION : NONE
- 7) WEIGHT: 2.38 lbs

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MFG. APPR.	DD	D4407	SHEET 3 OF 4
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- 6) IDENTIFICATION : NONE
- 7) WEIGHT: 2.09 lbs

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2016-02-08

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